In the Claims:

Please amend the claims as follows:

1-14 (cancelled)

15. (previously amended) The control system according to claim 23, wherein each drive unit comprises one or more drives.

16-22 (cancelled)

23. (currently amended) A control system for controlling ~~the~~ movements of at least two manipulators, the control system comprising:

a main computer module configured to execute programs with instructions for movements of the at least two manipulators, to plan movement paths of the at least two manipulators, and to generate orders for the at least two manipulators based on the movement paths, the main computer module further comprising a power supply configured to supply power to the main computer module;

at least two drive modules, wherein one of the drive modules is operatively connected to one ~~a drive module for each~~ of the at least two manipulators, each drive module being physically separate from each other and from the main computer module, each drive module being operatively connected ~~to the main computer and~~ to one of the at least two manipulators and to at least one of the main computer module and one of the at least two drive modules to permit each

module to communicate with at least one of the main computer module and one of the at least two drive modules, each drive module comprising

a drive unit that controls motors driving the movements of the manipulator to which the drive unit is operatively connected,

an interface configured to provide an interface with at least one of the main computer module and one of the at least two drive modules,

a power supply configured to supply power to the drive module and supply power to the manipulator to which the drive unit is operatively connected, and

an axis computer configured to provide control signals to the drive unit based on the orders received from the main computer module to control movement of the manipulator to which the drive unit is operatively connected, and

a communication network operatively connecting the main computer module and the drive modules to permit the main computer module to transmit the orders to the at least two manipulators.

24. (previously amended) The control system according to claim 23, wherein the communication network comprises an Ethernet link.

25. (cancelled)

26. (previously amended) The control system according to claim 23, further comprising:

a transformer module comprising a transformer and a power supply, the transformer module being physically separated from the main computer module and the drive modules.

27. (previously amended) The control system according to claim 23, further comprising:

a control module comprising a control panel of the control system and a power supply, the control module being physically separate from the main computer module and the drive modules, the control module being operatively connected to the main computer module and the drive modules.

28. (currently amended) A method for controlling at least two manipulators with a control system, the method comprising:

planning with a main computer module movement paths of the at least two manipulators, wherein the main computer module is powered by a main computer module power supply;

generating with the main computer module orders for movement of the at least two manipulators based on the movement paths;

transmitting from the main computer module through a communication network the orders for the at least two manipulators to separate interfaces of at least two drive modules physically separate from each other and from the main computer module, each drive module being powered by a separate drive module power supply;

receiving through the communication network the orders from the main computer module with an axis computer included in each of the at least two physically separate drive modules;

generating with the axis computer control signals based on the orders received from the main computer module;

transmitting the control signals to a drive unit included in each of the at least two physically separate drive modules; and

driving motors of each of the at least two manipulators with the drive unit included in each of the at least two physically separate drive modules, wherein power is supplied to each manipulator with a power supply included in each drive module.

29. (new) The control system according to claim 23, further comprising:

a client I/O module.